



DEPARTURE ROUTE DESCRIPTION

ALL AIRCRAFT: Fly assigned heading for radar vectors to intercept GEP R-072 to WLSTN/ GEP 102 DME; thence via transition or assigned route. Turbojet aircraft maintain 7000 or lower assigned altitude, all other aircraft maintain 5000 or lower assigned altitude. Expect clearance to assigned altitude/flight level 10 minutes after departure.

RWY 12L and 12R DEPARTURES: Initially assigned heading 060° clockwise to 100°, cross 17 DME Arc of FCM VOR/DME between R-061 clockwise to R-080 at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure.

RWY 17 TURBOJET DEPARTURE: Assigned heading 095° clockwise to 169°: Turn to assigned heading as soon as possible after departure. Assigned heading 170° clockwise to 285°, climb via heading 170° until MSP 3 DME then to assigned heading.

RWY 17 DEPARTURE: Initially assigned heading 230° clockwise to 295°, cross 8 DME Arc of MSP VOR/DME between R-220 clockwise to R-270 at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure.

RWY 30L/R DEPARTURE: Initially assigned heading 220° clockwise to 260°, cross 8 DME Arc of MSP VOR/DME between R-220 clockwise to R-260 at or above 3500', maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure.

GREEN BAY TRANSITION (WLSTN1.GRB): From over WLSTN INT via GRB R-295 to GRB VORTAC.

TAKE-OFF OBSTACLE NOTES

RWY 4: Multiple trees beginning 817' from departure end of runway, 264' left of centerline, up to 75' AGL/921' MSL.
Rod on building 2615' from departure end of runway, 1175' left of centerline, 78' AGL/922' MSL.
Fence 807' from departure end of runway, 585' left of centerline, 15' AGL/860' MSL.
Antenna on OL building 456' from departure end of runway, 319' left of centerline, 13' AGL/850' MSL.
Light poles 1943' from departure end of runway, 718' left of centerline, 45' AGL/885' MSL.
Stack 4533' from departure end of runway, 481' left of centerline, 139' AGL/949' MSL.

RWY 17: Multiple antennas and poles beginning 188' from departure end of runway, 6' right of centerline, up to 160' AGL/984' MSL.
Multiple lights beginning 17' from departure end of runway, 51' right of centerline, up to 33' AGL/864' MSL.
Building 315' from departure end of runway, 431' right of centerline, 13' AGL/850' MSL.
Multiple antennas on hangars beginning 147' from departure end of runway, 444' left of centerline, up to 83' AGL/920' MSL.
Building 199' from departure end of runway, 496' left of centerline, 67' AGL/898' MSL.
Hangar 867' from departure end of runway, 377' left of centerline, 69' AGL/903' MSL.
Light 54' from departure end of runway, 76' left of centerline, 34' AGL/865' MSL.
Wind direction indicator on building 2646' from departure end of runway, 881' left of centerline, 97' AGL/918' MSL.
Tree 2108' from departure end of runway, 344' left of centerline, 77' AGL/898' MSL.
Pole 917' from departure end of runway, 16' left of centerline, 31' AGL/868' MSL.
Building 2643' from departure end of runway, 859' left of centerline, 84' AGL/905' MSL.
Tree 2618' from departure end of runway, on centerline, 79' AGL/900' MSL.

RWY 22: Tree 2923' from departure end of runway, 833' right of centerline, 94' AGL/934' MSL.
Hopper 1716' from departure end of runway, 456' left of centerline, 48' AGL/888' MSL.

RWY 30L: Multiple trees beginning 904' from departure end of runway, 711' left of centerline, up to 80' AGL/919' MSL.
Tree 1237' from departure end of runway, 633' right of centerline, 30' AGL/877' MSL.
Ground 28' from departure end of runway, 490' right of centerline 0' AGL/844' MSL.

RWY 35: Multiple trees beginning 175' from departure end of runway, 212' right of centerline, up to 73' AGL/913' MSL.
Building 5.5 NM from departure end of runway, 1849' left of centerline, 811' AGL/1743' MSL.
OL antenna on building 5.4 NM from departure end of runway, 1788' left of centerline, 807' AGL/1739' MSL.
Tree 2003' from departure end of runway, 734' left of centerline, 65' AGL/892' MSL.
Tree 2449' from departure end of runway, 351' left of centerline, 75' AGL/902' MSL.